



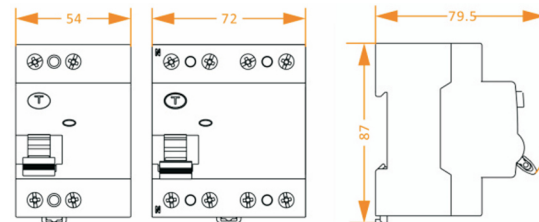
WEV Data Sheet

Description

Whitecliffe Type B WEV devices provide advanced protection against DC residual fault currents as well as AC residual currents up to 1000 Hz, making them suitable for modern electrical systems with complex loads. They comply with IEC/EN 61008-1 and IEC/EN 62423 standards, ensuring high levels of safety and performance. These devices are ideal for a wide range of applications, including electric vehicle (EV) and photovoltaic (PV) installations, frequency converters, UPS systems, high-frequency power converters, and building site power supply cabinets.



Part Code	Description	Qty
WEV240B-030	2 Pole 40Amps 30mA Type B RCCB (3 module)	40
WEV263B-030	2 Pole 63Amps 30mA Type B RCCB (3 module)	40
WEV440B-030	4 Pole 40Amps 30mA Type B RCCB (4 module)	40
WEV463B-030	4 Pole 63Amps 30mA Type B RCCB (4 module)	40



Technical Data

Poles		2P	4P
Rated current (A) In		25, 40, 63	25, 40, 63
Rated working voltage (V) Ue		230/240	400/415
Rated insulated voltage (kV) Ui		500	500
Impulse withstand voltage (kV) Uimp		4.5	
Rated short circuit breaking capacity (kA) Inc		10	
Rated residual current (mA) Idn		30	
Rated residual making and breaking capacity (A) Idm		1000	
Residual current protection type		Electromagnetic (A type magnetic and B type electronic)	
Sensitivity to residual current		Type B – residual AC, pulsating and smooth DC current, high frequency (1 kHz)	
Surge current proof (A)		3000	
Service life (O-C)	Mechanical Standard value	4000	
	Electrical Standard value	2000	
Connection and Installation			
Ambient temperature (with daily averages ≤35°C)		-25°C~+40°C	
Protection degree	All sides	IP40	
	Connection terminal	IP20	
Wire (mm²)		35	
Busbar (mm²)		35	
Mounting		Cable/busbar	
Reference temperature for setting of thermal element		30	
Pollution degree		2	
Storage temperature (°C)		-25°C~+40°C	